

# Characteristic boundary-value problem for a system of first-order partial differential equations with shifted arguments of the desired function

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## Abstract

© 2015, Allerton Press, Inc. For a system of first-order partial differential equations of a form not studied earlier we consider a variant of Goursat problem and prove the existence and uniqueness of the solution to the problem.

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## Keywords

Goursat problem, system of equations with a shift of arguments of desired function, system of functional differential equations